

Sal-like protein 4 (SALL4) is a [transcription factor](#) encoded by a member of the Spalt-like (SALL) gene family, SALL4.

The SALL genes were identified based on their sequence homology to Spalt, which is a homeotic gene originally cloned in *Drosophila melanogaster* that is important for terminal trunk structure formation in embryogenesis and imaginal disc development in the larval stages.

There are four human SALL proteins (SALL1, 2, 3, and 4) with structural homology and playing diverse roles in embryonic development, kidney function, and cancer.

The SALL4 gene encodes at least three isoforms, termed A, B, and C, through alternative splicing, with the A and B forms being the most studied. SALL4 can alter gene expression changes through its interaction with many co-factors and epigenetic complexes.

It is also known as a key embryonic stem cell (ESC) factor.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=sall4>

Last update: **2024/06/07 03:00**

